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| REISSUE APPLICATION DECLARATION BY THE INVENTOR | Docket Number (Optional) PM 98.061/3 |
|---|---|

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,477,113, granted on November 5, 2002, and for which a reissue patent is sought on the invention titled Source Waveforms for Electroseismic Exploration, the specification of which

☐ is attached hereto.

☒ was filed on April 16, 2004 as reissue application number 10/826,174

and was amended _____.
*(if applicable)*

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

**SEE PAGE 3**



Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.**

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| (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) | Docket Number (Optional) PM 98.061/3 |
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All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected herewith.

| Name(s) | Registration Number |
|---|---|
| Douglas J. Collins | 43,561 |
| Brent R. Knight | 54,226 |
| Gary D. Lawson | 27,696 |
| J. Paul Plummer | 40,775 |
| Charles E. Smith | 32,085 |
| Joseph D. Yao | 34,284 |
| Denise Y. Wolfs | 32,074 |

Correspondence address: Direct all communications about the application to:

☐ Customer Number [ ] → *Place Customer Number Bar Code Label Here*

*Type Customer No. here*

| | | | | | |
|---|---|---|---|---|---|
| ☒ Firm or Individual Name | J. Paul Plummer | | | | |
| Address | ExxonMobil Upstream Research Company | | | | |
| Address | P. O. Box 2189 | | | | |
| City | Houston | State | Texas | Zip | 77252.2189 |
| Telephone | 713.431.7360 | Fax | 713.431.4664 | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

| | | | |
|---|---|---|---|
| Full name of sole or first inventor: (given name, family name) | Scott C. Hornbostel | | |
| Inventor's signature: | Scott C. Hornbostel | Date: | 11/9/06 |
| Inventor's residence: | Houston, Texas | Citizenship: | USA |
| Mailing Address: | 4437 Clay Street, Houston, Texas 77023 | | |

| | | | |
|---|---|---|---|
| Full name of sole or first inventor: (given name, family name) | Arthur H. Thompson | | |
| Inventor's signature: | Arthur H. Thompson | Date: | Nov 10, 2006 |
| Inventor's residence: | Houston, Texas | Citizenship: | USA |
| Mailing Address: | 13602 Peachwood Court, Houston, Texas 77077 | | |

| | | | |
|---|---|---|---|
| Full name of sole or first inventor: (given name, family name) | | | |
| Inventor's signature: | | Date: | |
| Inventor's residence: | | Citizenship: | |
| Mailing Address: | | | |

☐ Additional joint inventors are named on separately numbered sheets attached hereto.



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## SUPPLEMENTAL DECLARATION

This is a supplemental declaration by me as one of the below named inventors, which is being submitted in order to overcome a rejection under 35 U.S.C. 251. The original declaration failed to identify at least one error that is relied upon to support the reissue application. I declare that this oversight occurred without any deceptive intent on the part of the applicant. The error relied upon by the applicant to support the reissue application is as follows:

The original patent is believed to be partly inoperative because the patentee claimed less than he had a right to claim in the patent. Accordingly, the reissue is a broadening reissue, the nature of which is as follows:

The original patent's claims are method claims that contain steps that can be performed in different countries, thereby affecting coverage of the claims. For example, in Claim 1, the "detecting" step and the "generating" step must be performed where the survey is conducted; however, the "correlating" step is a data processing step that need not be performed in the country where the survey is conducted. The claims added in the reissue application address this problem of trans-border claim avoidance.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signed at **Houston, Texas.**

X Scott C. Hornbostel 11/9/06

**Scott C. Hornbostel** Date

X Arthur H Thompson Nov 10, 2006

**Arthur H. Thompson** Date



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